

**In The Claims:**

Please amend the claims as follows:

Claim1. (currently amended) A lighting device for a lamp device, comprising:  
a circuit board; and  
film capacitors, packaged on the circuit board by using leadless flow solders,  
wherein each film capacitor comprises polypropylene films and lead wires, and a material  
of the lead wires has a thermal conductivity lower than a thermal conductivity of copper, and  
terminals and internal materials of the film capacitors are leadless;  
wherein the film capacitors are constructed by a combination of a polypropylene film and  
an aluminum foil, or an aluminum-deposited polypropylene film.

Claim2. (original) The lighting device of claim 1, wherein a diameter of the lead wires is  
0.6 $\phi$  (mm) or less.

Claim3. (original) The lighting device of claim 1, wherein a cross-sectional area of the film  
capacitors is 35mm<sup>2</sup> or less, and a temperature at a terminal end of the lead wires in the film  
capacitors during a soldering process is 130°C or less.

Claim4. (original) The lighting device of claim 1, wherein a length of the lead wires from  
the circuit board to the film capacitor is 2mm or more after the film capacitors are packaged onto  
the circuit board.

**Claims 5~6 (cancelled)**

Claim7. (original) The lighting device of claim 1, wherein circuit elements set on the  
circuit board are all leadless.

Claim 8. (currently amended) An illumination apparatus, comprising:

a lamp; and

a lighting device for lighting the lamp,

wherein the lighting device comprises a circuit board; and film capacitors packaged on the circuit board by using leadless flow solders, wherein each film capacitor comprises polypropylene films and lead wires, and a material of the lead wires has a thermal conductivity lower than a thermal conductivity of copper, and terminals and internal materials of the film capacitors are leadless;

wherein the film capacitors are constructed by a combination of a polypropylene film and an aluminum foil, or an aluminum-deposited polypropylene film.

Claim9. (original) The illumination apparatus of claim 8, wherein a diameter of the lead wires is  $0.6\phi$  (mm) or less.

Claim10. (original) The illumination apparatus of claim 8, wherein a cross-sectional area is  $35\text{mm}^2$  or less, and a temperature at a terminal end of the lead wires in the film capacitors during a soldering process is  $130^\circ\text{C}$  or less.

Claim11. (original) The illumination apparatus of claim 8, wherein a length of the lead wires from the circuit board to the film capacitor is 2mm or more after the film capacitors are packaged onto the circuit board.

**Claim12. (cancelled)**

Claim13. (original) The illumination apparatus of claim 8, wherein circuit elements set on the circuit board are all leadless.

Claim14. (currently amended) An illumination system, comprising:  
lamps; and  
at least one lighting device for lighting the lamps;  
wherein the lighting device comprises a circuit board; and film capacitors packaged on the circuit board by using leadless flow solders, wherein each film capacitor comprises polypropylene films and lead wires, and a material of the lead wires has a thermal conductivity lower than a thermal conductivity of copper, and terminals and internal materials of the film capacitors are leadless;

wherein the film capacitors are constructed with a combination of a polypropylene film and an aluminum foil, or an aluminum-deposited polypropylene film.

Claim15. (original) The illumination system of claim 14, wherein a diameter of the lead wires is  $0.6\phi$  (mm) or less.

Claim16. (original) The illumination system of claim 14, wherein a cross-sectional area is  $35\text{mm}^2$  or less, and a temperature at a terminal end of the lead wires in the film capacitors during a soldering process is  $130^\circ\text{C}$  or less.

Claim17. (original) The illumination system of claim 14, wherein a length of the lead wires from the circuit board to the film capacitor is 2mm or more after the film capacitors are packaged onto the circuit board.

**Claim18. (canceled)**

Claim19. (original) The illumination apparatus of claim 14, wherein circuit elements set

on the circuit board are all leadless.